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**INFORMATION DISCLOSURE
CITATION FORM FOR
PATENT APPLICATION
(FORM PTO-1449)
(Substitute)**

Docket No.: 460-010710-US(PAR)

Serial No.: 10/015,188

Applicant(s): WICHMAN et al.

Filing Date: 11/19/01

Group:

U.S. PATENTS

Initials	Patent Number	Issue Date	Name	Class	Sub-class	Filing date

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U.S. PATENT PUBLICATIONS

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FOREIGN PATENT DOCUMENTS

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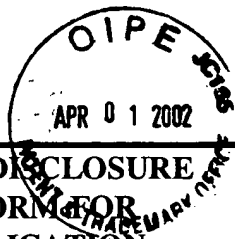
OTHER DOCUMENTS (Title, Author, Date, Pages, Etc., if known)

3R	"Fast Start Up Channel Estimation", Clark et al., IEEE Proceedings Vol. 131 Pt. F, No. 4, 1984, pp. 375-381.

Examiner's Signature: *[Signature]*

Date Considered: 7/2/04

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B R	EP 1128575 A1	8/29/01	Europe	Telefonaktiebolaget LM Ericsson	n/a

OTHER DOCUMENTS (Title, Author, Date, Pages, Etc., if known)

B R	"Channel Estimation And Adaptive Power Allocation For Performance And Capacity Improvement Of Multiple-Antenna OFDM Systems", Third IEEE Signal Processing Workshop On Signal Processing Advances In Wireless Communications, 2001.
B R	"Optimum Training Sequences For OFDM Systems With Multiple Transmit Antennas", Ye (Geoffrey) Li, Globecom '00-IEEE, 2000.

Examiner's Signature: *3 50*Date Considered: *7/8/04*

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